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OM nucleic - nucleic search, using sw model

Run on: October 26, 2002, 20:33:11 ; Search time 78 Seconds

(without alignments)  
2182.359 Million cell updates/sec

Title: US-09-840-795-18\_COPY\_78\_770  
Perfect score: 693

Sequence: 1 atggattgccaagaatga.....agcagcagggcttgaatg 693  
Scoring table: IDENTITY\_NUC  
Gapop 10.0 , Gapext 1.0

Searched: 383533 seqs, 122816752 residues

Total number of hits satisfying chosen parameters: 767066  
Minimum DB seq length: 0  
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 45 summaries

Database : Issued\_Patents\_NA:\*

1: /cgn2\_6/ptodata/2/ina/5A\_COMB.seq:\*

2: /cgn2\_6/ptodata/2/ina/5B\_COMB.seq:\*

3: /cgn2\_6/ptodata/2/ina/6A\_COMB.seq:\*

4: /cgn2\_6/ptodata/2/ina/6B\_COMB.seq:\*

5: /cgn2\_6/ptodata/2/ina/PCUTS\_COMB.seq:\*

6: /cgn2\_6/ptodata/2/ina/backfile1.seq:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

### SUMMARIES

| Result No. | Score | Query Match | Length  | DB ID | Description       |
|------------|-------|-------------|---------|-------|-------------------|
| 1          | 151.2 | 21.8        | 893     | 4     | US-09-286-529-8   |
| 2          | 132.8 | 19.2        | 623     | 4     | US-09-286-529-9   |
| 3          | 38.6  | 5.6         | 1347    | 4     | US-09-342-681C-16 |
| 4          | 38.6  | 5.6         | 4235    | 4     | US-09-342-681C-18 |
| 5          | 32    | 4.6         | 2242    | 3     | US-09-400-742-1   |
| 6          | 32    | 4.6         | 2242    | 3     | US-08-618-651A-1  |
| 7          | 32    | 4.6         | 2242    | 4     | US-09-215-251-1   |
| 8          | 31.8  | 4.6         | 3066    | 1     | US-08-142-439A-1  |
| 9          | 31.8  | 4.6         | 3066    | 2     | US-08-869-477-1   |
| 10         | 31    | 4.5         | 4315    | 3     | US-08-206-03-3    |
| 11         | 31    | 4.5         | 4464    | 2     | US-08-400-159-7   |
| 12         | 31    | 4.5         | 4483    | 3     | US-08-611-739A-7  |
| 13         | 31    | 4.5         | 50341   | 1     | US-08-247-901C-1  |
| 14         | 31    | 4.5         | 50341   | 2     | US-09-075-904-1   |
| 15         | 31    | 4.5         | 52297   | 4     | US-09-426-436-1   |
| 16         | 31    | 4.5         | 52297   | 1     | US-08-222-557-1   |
| 17         | 30.8  | 4.4         | 4403765 | 4     | US-09-197-218-1   |
| 18         | 30.6  | 4.4         | 4411529 | 4     | US-09-103-840A-2  |
| 19         | 30.4  | 4.4         | 4411529 | 1     | US-08-222-124-10  |
| 20         | 30.4  | 4.4         | 1408    | 1     | US-08-222-124-10  |
| 21         | 30.4  | 4.4         | 1408    | 2     | US-08-842-657A-10 |
| 22         | 30.4  | 4.4         | 1414    | 1     | US-08-222-124-9   |
| 23         | 30.4  | 4.4         | 1414    | 2     | US-08-842-657A-9  |
| 24         | 30.4  | 4.4         | 9840    | 4     | US-09-534-638-1   |
| 25         | 30.4  | 4.4         | 15378   | 3     | US-08-420-1       |
| 26         | 30.2  | 4.4         | 1969    | 3     | US-08-966-318-4   |
| 27         | 30.2  | 4.4         | 1969    | 4     | US-09-216-619-4   |

### ALIGNMENTS

RESULT 1  
US-09-286-529-8  
; Sequence 8, Application US/09286529

; GENERAL INFORMATION:  
; APPLICANT: Catherine Tribouley  
; TITLE OF INVENTION: NEW MEMBERS OF TNF AND TNFR FAMILIES  
; FILE REFERENCE: 1A08-003/200130.439C1  
; CURRENT APPLICATION NUMBER: US/09/286,529  
; NUMBER OF SEQ ID NOS: 25  
; SOFTWARE: FAST-SEQ for Windows Version 3.0

; SEQ ID NO: 8  
; LENGTH: 893  
; TYPE: DNA  
; ORGANISM: human  
; US-09-286-529-8

Query Match Best Local Similarity 21.8%; Score 151.2; DB 4; Length 893; Matches 287; Conservative 0; Mismatches 208; Indels 1; Gaps 1;

QY 4 GATTGCCAGAAGATGGACTGGGACCAATGGGACGTGGTGCACCTGGCAACGGTGT 63

Db 151 GATTGCCAGAAGATGGACTGGGACCAATGGGACGTGGTGCACCTGGCAACGGTGT 210

QY 64 GCTCTCTGGACAGGAGCTCAGGAGTGTGGTATGGAGGGGTGAGATGCTCTGC 123

Db 211 GGACCTGGCATGGAGTGTGGCTGGAGGATGTGGCTATGGGAGGATGACGTG 270

QY 124 ACAGCCCTGCCCTGGCAAGGTACAAAGCACTGGGCCACACATGAGTTG 183

Db 271 GTGCCCTGGAGCCGCCACGGGTCTCAAGGAAGACTGGGTTCAGAGTGTAAAGCATGT 330

QY 184 ATCACCTGGCTGTCATCAATCGTGTCAAGGAGTCACTGACACGTACCTCTATGCT 243

Db 331 GCGGACTGTGGCTGGTAAACGGCAACCTCACACACCGATGTCT 390

QY 244 GTCTCTGGAGACCTGGCTGGAGACCCACCTCTCCCTACGACACTGTACAGCAAG 303

Db 391 GTCTCTGGCTGGAGACCTGGCTGGAGATGTGGCTTCAGGGAGAACCAACTGGTTGTTCAAGAC 450

QY 304 CAAGACTGCACTGGCTGGAGAACCCACCTCTCAGGTCAATGGCTTCAG 363

Db 451 ATGGACTGTGGCTGGAGACCCACCTCTCCCTACGACACTGTACAGCAAG 510

QY 364 TTGAGCTTAGTGGAGGAGATGCCACCAACTGGCCCTCAGGGAGCCACACTGGTTGCAAGAC 423

Db 511 GTGAACCTGTGAAATCTCCTCACCGTCCTCCAGGAGACGGGGTGGCTGCC 570

QY 424 CTGGTGAGCAGCCTGCTAGTGGTGTACCTGGCTTCCNGGAGCTCTCTCTAC 483  
 Db 571 GTCATCTGAGTGTCTGGCCACGGTCTGCTAC 629  
 QY 484 TGCAGACGAGTCTCA 499  
 Db 630 TGCAGAGGAGCTCA 645

RESULT 2  
 US-09-286-529-9  
 ; Sequence 9, Application US/09286529  
 ; Patent No. 6297367  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Catherine Tribouley  
 ; TITLE OF INVENTION: NEW MEMBERS OF TNF AND TNFR FAMILIES  
 ; FILE REFERENCE: 1408.003/201130.439CL  
 ; CURRENT APPLICATION NUMBER: US/09/286529  
 ; CURRENT FILING DATE: 1999-04-05  
 ; NUMBER OF SEQ ID NOS: 25  
 ; SOFTWARE: FastSeq for Windows Version 3.0  
 ; SEQ ID NO 9  
 ; LENGTH: 623  
 ; ORGANISM: human  
 ; US-09-286-529-9

Query Match 19.2%; Score 132.8; DB 4; Length 623;  
 Best Local Similarity 61.1%; Pred. No. 1.5e-31; Matches 215; Conservative 0; Mismatches 137; Indels 0; Gaps 0;  
 Matches 215; Conservative 0; Mismatches 137; Indels 0; Gaps 0;

QY 4 GATGCCAGAACATGAGACTGGACCATGGGAGCGGTGACCTGCCAACGGTGT 63  
 Db 212 GATGCCAGGAGCAGGAATCAGATGCACTGGAACATGTCCTCGCAACAGTC 271  
 QY 64 GGTCCCTGGACAGGAGCTATCCAAACGATGTTGAGGGATGCTACTGC 123  
 Db 272 GGACCTGGATGGAGTTGCCAACGAGATGGCTCAGTGCAGTGT 331  
 QY 124 ACACCTGCTCTCGAGCTAACGAGCTGGCCACCCAAATGTCAGAGTGC 183  
 Db 332 GTGCCCTGAGGCCACCGGTACAGAGCTGGGTTCAGGAGTGAACGATCT 391  
 QY 184 ATCACCTGCTGCTGATCATCGCTCAGAACGCTACTCTATGCT 243  
 Db 392 GCGGACTGTGGCTGTGACCGCTTCAGAGGCCAACATGCTACACAGATGCT 451  
 QY 244 GTCCTGGGACTTTGCCAGGTCACCGAACAGACAGCATGGAGCCCTCAGAAC 303  
 Db 452 GTCGCGGGGACTCTGCCAGGTTACCGAACAGAACCTCTGAGGTCAATG 511  
 Db 512 ATGGAGTGCTGCCCTGCGAGAACCTCCCTGCTACGAAACACAGCTG 563

RESULT 3  
 US-09-342-681C-16  
 ; Sequence 16, Application US/09342681C  
 ; Patent No. 6355782  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Zonana et al.  
 ; TITLE OF INVENTION: Hypohydrotic ectodermal dysplasia genes and proteins  
 ; FILE REFERENCE: 52978  
 ; CURRENT APPLICATION NUMBER: US/09/342,681C  
 ; CURRENT FILING DATE: 1999-06-29  
 ; PRIORITY APPLICATION NUMBER: 60/192,279  
 ; PRIORITY FILING DATE: 1998-07-09  
 ; PRIORITY APPLICATION NUMBER: 60/112,366  
 ; PRIORITY FILING DATE: 1998-12-15  
 ; NUMBER OF SEQ ID NOS: 123  
 ; SOFTWARE: PatentIn Ver. 2.1  
 ; SEQ ID NO 18  
 ; LENGTH: 4235  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 ; FEATURE:  
 ; NAME/KEY: CDS  
 ; LOCATION: (433)..(1779)  
 ; US-09-342-681C-18

Query Match 5.6%; Score 38.6; DB 4; Length 4235;  
 Best Local Similarity 51.4%; Pred. No. 0.043; Matches 89; Conservative 0; Mismatches 84; Indels 0; Gaps 0;

QY 36 GGGACGGTGTGCACTGCCAACGGTGTGGTCTGGACAGAGGCTATCCAGGATCTGG 95  
 Db 555 GGGACGGTGTGCACTGCCAACGGTGTGGTCTGGACAGAGGCTATCCAGGATCTGG 614  
 QY 96 TATGGAGAGGGAGATGCTACTGACAGCTGCTGAGGAGGCCATCTCTGG 155  
 Db 615 CTACGGGACCAAAAGACAGGAGTACGGCTGCTCCCTGGAGAGGCCATCTCTGG 674  
 QY 156 CTGGGGACCAAAAGTCAGATGCTACCTGCTGCTCATCAATCCCTG 208  
 Db 675 AGGAGCTTACAGATATGCCGGTCAACAGACTGAGGGCTCTCCGG 727

RESULT 4  
 US-09-342-681C-18  
 ; Sequence 18, Application US/09342681C  
 ; Patent No. 6355782  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Zonana et al.  
 ; TITLE OF INVENTION: Hypohydrotic ectodermal dysplasia genes and proteins  
 ; FILE REFERENCE: 52978  
 ; CURRENT APPLICATION NUMBER: US/09/342,681C  
 ; CURRENT FILING DATE: 1999-06-29  
 ; PRIORITY APPLICATION NUMBER: 60/192,279  
 ; PRIORITY FILING DATE: 1998-07-09  
 ; PRIORITY APPLICATION NUMBER: 60/112,366  
 ; PRIORITY FILING DATE: 1998-12-15  
 ; NUMBER OF SEQ ID NOS: 123  
 ; SOFTWARE: PatentIn Ver. 2.1  
 ; SEQ ID NO 18  
 ; LENGTH: 4235  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 ; FEATURE:  
 ; NAME/KEY: CDS  
 ; LOCATION: (433)..(1779)  
 ; US-09-342-681C-18

Query Match 5.6%; Score 38.6; DB 4; Length 4235;  
 Best Local Similarity 51.4%; Pred. No. 0.043; Matches 89; Conservative 0; Mismatches 84; Indels 0; Gaps 0;

QY 36 GGGACGGTGTGCACTGCCAACGGTGTGGTCTGGACAGAGGCTATCCAGGATCTGG 95  
 Db 555 GGGACGGTGTGCACTGCCAACGGTGTGGTCTGGACAGAGGCTATCCAGGATCTGG 614  
 QY 96 TATGGAGAGGGAGATGCTACTGACAGCTGCTGAGGAGGCCATCTCTGG 155  
 Db 615 CTACGGGACCAAAAGACAGGAGTACGGCTGCTCCCTGGAGAGGCCATCTCTGG 674  
 QY 156 CTGGGGACCAAAAGTCAGATGCTACCTGCTGCTCATCAATCCCTG 208  
 Db 675 AGGAGCTTACAGATATGCCGGTCAACAGACTGAGGGCTCTCCGG 727

RESULT 5  
 US-09-400-742-1  
 ; Sequence 1, Application US/09400742  
 ; Patent No. 606263  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Leung, David W.

APPLICANT: West, James  
 APPLICANT: Tompkins, Christopher  
 TITLE OF INVENTION: MAMMALIAN LYSOPHOSPHATIDIC ACID  
 NUMBER OF SEQUENCES: 18  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Cell Therapeutics, Inc.  
 STREET: 201 Elliott Avenue West  
 CITY: Seattle  
 STATE: Washington  
 COUNTRY: U.S.A.  
 ZIP: 98119

COMPUTER READABLE FORM:  
 MEDIUM TYPE: 3.5" disk, 1.44Mb, double side, high density  
 COMPUTER: PC Clone (486 microprocessor)  
 OPERATING SYSTEM: MS-DOS Version 6.1, Windows  
 SOFTWARE: WORD 6.0

CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/09/400,742  
 FILING DATE:  
 PRIORITY APPLICATION DATA:  
 APPLICATION NUMBER: 08/618,651  
 FILING DATE:  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Faciszewski, Stephen  
 REGISTRATION NUMBER: 36,131  
 REFERENCE/DOCKET NUMBER: 1801  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (206) 282-7100  
 TELEFAX: (206) 284-6206  
 INFORMATION FOR SEQ ID NO: 1:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 2242  
 TYPE: nucleic acid  
 STRANDEDNESS: double stranded  
 TOPOLOGY: linear  
 MOLECULE TYPE: cDNA to mRNA  
 HYPOTHETICAL: no  
 ANTI-SENSE: no  
 FRAGMENT TYPE:  
 ORIGINAL SOURCE:  
 ORGANISM: homo sapien  
 STRAIN:  
 INDIVIDUAL ISOLATE:  
 DEVELOPMENTAL STAGE:  
 HAPLOTYPE:  
 TISSUE TYPE: brain  
 CELL TYPE:  
 CELL LINE:  
 ORGANELLE:  
 FEATURE:  
 NAME/KEY: hlPAATA  
 US-09-400-742-1

Query Match, Best Local Similarity 4.6%; Score 32; DB 3; Length 2242;  
 Matches 59; Conservative 0; Mismatches 45; Indels 0; Gaps 0;

QY 424 CTGGGAGGAGCCGCTACTGGGTTACCTGGCTTCCTGGGCTCTCTCTCTAC 483  
 QY 352 CTGGCTCTTCCTGGCTCTGGCTCTCTCTCTGGCTCTGGCTCTGCAGGCCAGT 411  
 Db 484 TGCAGGAGTCTCAACAGACATGCCAGGGAGGTTGCT 527  
 QY 412 GCCAAGTACTCTCAAGATGCCCTCTACATGGCTGATCT 455

RESULT 6  
 US-08-618-651A-1  
 Sequence 1, Application US/08618651A  
 Patent No. 6136964  
 GENERAL INFORMATION:  
 APPLICANT: Leung, David W.  
 APPLICANT: Adourel, Daniel  
 APPLICANT: Hollenback, David  
 TITLE OF INVENTION: MAMMALIAN LYSOPHOSPHATIDIC ACYLTRANSFERASE  
 FILE REFERENCE: 07719/0151  
 CURRENT APPLICATION NUMBER: US/09/215,252

3.1

APPLICANT: Tompkins, Christopher  
 TITLE OF INVENTION: MAMMALIAN LYSOPHOSPHATIDIC ACID  
 NUMBER OF SEQUENCES: 18  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Cell Therapeutics, Inc.  
 STREET: 201 Elliott Avenue West  
 CITY: Seattle  
 STATE: Washington  
 COUNTRY: U.S.A.  
 ZIP: 98119

COMPUTER READABLE FORM:  
 MEDIUM TYPE: 3.5" disk, 1.44Mb, double side, high density  
 COMPUTER: PC Clone (486 microprocessor)  
 OPERATING SYSTEM: MS-DOS Version 6.1, Windows  
 SOFTWARE: WORD 6.0

CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/618,651A  
 FILING DATE: 15-Dec-1995  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Faciszewski, Stephen  
 REGISTRATION NUMBER: 36,131  
 REFERENCE/DOCKET NUMBER: 1801  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (206) 282-7100  
 TELEFAX: (206) 284-6206  
 INFORMATION FOR SEQ ID NO: 1:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 2242  
 TYPE: nucleic acid  
 STRANDEDNESS: double stranded  
 TOPOLOGY: linear  
 MOLECULE TYPE: cDNA to mRNA  
 HYPOTHETICAL: no  
 ANTI-SENSE: no  
 FRAGMENT TYPE:  
 ORIGINAL SOURCE:  
 ORGANISM: homo sapien  
 STRAIN:  
 INDIVIDUAL ISOLATE:  
 DEVELOPMENTAL STAGE:  
 HAPLOTYPE:  
 TISSUE TYPE: brain  
 CELL TYPE:  
 CELL LINE:  
 ORGANELLE:  
 FEATURE:  
 NAME/KEY: hlPAATA  
 US-08-618-651A-1

Query Match, Best Local Similarity 4.6%; Score 32; DB 3; Length 2242;  
 Matches 59; Conservative 0; Mismatches 45; Indels 0; Gaps 0;

QY 424 CTGGGAGGAGCCGCTACTGGGTTACCTGGCTTCCTGGGCTCTCTCTAC 483  
 QY 352 CTGGCTCTTCCTGGCTCTGGCTCTCTCTGGCTCTGCAGGCCAGT 411  
 Db 484 TGCAGGAGTCTCAACAGACATGCCAGGGAGGTTGCT 527  
 QY 412 GCCAAGTACTCTCAAGATGCCCTCTACATGGCTGATCT 455

RESULT 7  
 US-09-215-252-1  
 Sequence 1, Application US/09215252  
 Patent No. 6300487  
 GENERAL INFORMATION:  
 APPLICANT: Leung, David W.  
 APPLICANT: Adourel, Daniel  
 APPLICANT: Hollenback, David  
 TITLE OF INVENTION: MAMMALIAN LYSOPHOSPHATIDIC ACYLTRANSFERASE  
 FILE REFERENCE: 07719/0151  
 CURRENT APPLICATION NUMBER: US/09/215,252

CURRENT FILING DATE: 1998-12-18  
 PRIORITY APPLICATION NUMBER: US 08/618, 651  
 PRIORITY FILING DATE: 1996-03-19  
 NUMBER OF SEQ ID NOS: 42  
 SOFTWARE: PatentIn Ver. 2.0  
 SEQ ID NO: 1  
 LENGTH: 2242  
 TYPE: DNA  
 ORGANISM: Homo sapiens  
 FEATURE:  
 NAME/KEY: CDS  
 LOCATION: (319)..(1167)  
 US-09-215-252-1

Query Match 4.6%; Score 32; DB 4; Length 2242;  
 Best Local Similarity 56.7%; Pred. No. 3.4; Pred. No. 4.6;  
 Matches 59; Conservative 0; Mismatches 62; Indels 0; Gaps 0;  
 Number of Sequences: 1

QY 424 CTTGTGACAGCTGGCTAGTGGGTTAACCTGGCCCTCCGGGCTTCCTCCCTAC 483  
 Db 352 CTCCTGCCTCTCCCTGCTGCTGCTGCTGCTGCCACCTGGTCTGACGCCCCAGT 411

QY 484 TCGAAGGAGTCTCACAGACATGCCAGGGCTGAGGTTGCT 527  
 Db 412 GCGAAGTACTCTCAAGATGGCCTCTACATGGCTGATCCT 455

RESULT 8  
 US-08-142-439A-1/C  
 Sequence 1, Application US/08142439A  
 GENERAL INFORMATION:  
 APPLICANT: Thorens, Bernard  
 TITLE OF INVENTION: Receptor for the Glucagon-Like-Peptide-1  
 NUMBER OF SEQUENCES: 9  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: No. 56703600 No. 5670360disk of No. 5670360th America, Inc.  
 STREET: 405 Lexington Avenue, Suite 6400  
 CITY: New York  
 STATE: New York  
 COUNTRY: U.S.A.  
 ZIP: 10174-6201  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: PatentIn Release #1.0, Version #1.25  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/142, 439A  
 FILING DATE: 24-NOV-93  
 CLASSIFICATION: 530  
 PRIORITY APPLICATION DATA:  
 APPLICATION NUMBER: DK 398/92  
 FILING DATE: 25-MAR-92  
 PRIORITY APPLICATION DATA:  
 APPLICATION NUMBER: PCT/EP93/00697  
 FILING DATE: 23-MAR-93  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Harrington, James J.  
 REGISTRATION NUMBER: 38,711  
 REFERENCE/DOCKET NUMBER: 3756.204-US  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 212 867 0123  
 TELEFAX: 212 867 0298  
 INFORMATION FOR SEQ ID NO: 1:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 3066 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: cDNA  
 HYPOTHETICAL: NO  
 ORIGINAL SOURCE:  
 US-08-142-439A-1  
 Query Match 4.6%; Score 31.8; DB 1; Length 3066;  
 Best Local Similarity 52.7%; Pred. No. 4.6; Pred. No. 4.6;  
 Matches 69; Conservative 0; Mismatches 62; Indels 0; Gaps 0;  
 Number of Sequences: 1

QY 370 TTAGTGGAGGATGACCCACAGGCCCCCTCAGGAGGACACTTGCACTGGTG 429  
 Db 1395 TTTGGCAGGTGGCAGTACAGCTGCTGCTGCCACCGTGACGCTGCTG 1336

QY 430 ACCAGCTGCTAGTGGGTTAACCTGGCCCTCCGGGCTTCCTCCCTACTGCAAG 489  
 Db 1335 GTGGGACACTGAGGGTTACGCTGCTGCTGCCCTCTGGATGTCAGGCCCTCCAGCT 1276

QY 490 CAGTCCTCA 500  
 Db 1275 CAGGCCTCCCA 1265

RESULT 9  
 US-08-869-477-1/C  
 Sequence 1, Application US/08869477  
 Patent No. 5846747  
 GENERAL INFORMATION:  
 APPLICANT: Thorens, Bernard  
 TITLE OF INVENTION: Receptor for the Glucagon-Like-Peptide-1  
 NUMBER OF SEQUENCES: 9  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: No. 58467470 No. 5846747disk of No. 5846747th America, Inc.  
 STREET: 405 Lexington Avenue, Suite 6400  
 CITY: New York  
 STATE: New York  
 COUNTRY: U.S.A.  
 ZIP: 10174-6201  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: PatentIn Release #1.0, Version #1.25  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/869,477  
 FILING DATE:  
 CLASSIFICATION: 435  
 PRIORITY APPLICATION DATA:  
 APPLICATION NUMBER: US/08/142, 439  
 FILING DATE: 24-NOV-93  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Harrington, James J.  
 REGISTRATION NUMBER: 38,711  
 REFERENCE/DOCKET NUMBER: 3756.204-US  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 212 867 0123  
 TELEFAX: 212 867 0298  
 INFORMATION FOR SEQ ID NO: 1:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 3066 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: cDNA  
 HYPOTHETICAL: NO  
 ORIGINAL SOURCE:

ORGANISM: Rat  
 FEATURE: CDS  
 NAME/KEY: CDS  
 LOCATION: 17..1408  
 US-08-869-477-1

Query Match 4.6%; Score 31; DB 2; Length 3066;  
 Best Local Similarity 52.7%; Pred. No. 4.6;  
 Matches 69; Conservative 0; Mismatches 62; Indels 0; Gaps 0;  
 Db 1395 TTTGGCAGGTGCTGATACAGCTGCTGCCACCGGCCACTGCTGAGCTG 429

QY 370 TTAGGGAGGAGATGCCAGTGGCCCTAGTGGTGTTCACCTGCTCTGGGCTCTGGCTCTGGCTACTGCAAG 489  
 Db 1335 GTGGGACACTTGAGGGGTTCACTGCTGCTGCCCTCTGGATGTCAGCTCAAGGCCAGCCTC 1276

QY 490 CAGTTCTCAA 500  
 Db 1275 CAGCGCTCCCA 1265

RESULT 10

US-08-892-046-3  
 Sequence 3, Application US/08882046  
 Patent No. 613652

GENERAL INFORMATION:

APPLICANT: Li, Linheng  
 APPLICANT: Hood, Leroy  
 APPLICANT: Krantz, Ian D.  
 APPLICANT: Spinner, Nancy B.  
 TITLE OF INVENTION: Human Jagged Polypeptide, Encoding  
 NUMBER OF SEQUENCES: 110

CORRESPONDENCE ADDRESS:

ADDRESSEE: Campbell & Flores LLP  
 STREET: 4370 La Jolla Village Drive, Suite 700  
 CITY: San Diego  
 STATE: California  
 COUNTRY: USA  
 ZIP: 92122

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/882, 046  
 FILING DATE: 23-JUN-1997  
 CLASSIFICATION: 536

ATTORNEY/AGENT INFORMATION:

NAME: Campbell, Kathryn A.  
 REGISTRATION NUMBER: 31,815

REFERENCE/DOCKET NUMBER: P-UW 2637

TELECOMMUNICATION INFORMATION:

TELEPHONE: (619) 535-9001  
 TELEFAX: (619) 535-8949

INFORMATION FOR SEQ ID NO: 3:

SEQUENCE CHARACTERISTICS:

LENGTH: 4315 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear

NAME/KEY: CDS  
 LOCATION: 16..3460  
 US-08-882-046-3

Query Match 4.5%; Score 31; DB 3; Length 4315;  
 Best Local Similarity 49.7%; Pred. No. 9.6;  
 Matches 79; Conservative 0; Mismatches 80; Indels 0; Gaps 0;

FEATURE: CDS  
 LOCATION: 16..3460  
 US-08-882-046-3

Query Match 4.5%; Score 31; DB 2; Length 4464;  
 Best Local Similarity 49.7%; Pred. No. 9.8; Length 4464;  
 Matches 79; Conservative 0; Mismatches 80; Indels 0; Gaps 0;

QY 103 GAGGGTGGAGATGCCACTGCTGCCAGGCTCTGGCTACTGCAAGAACGACTGGGC 162  
 Db 1933 GACAGCGGACACTGCTGCTGCCAGCCGCCGGCTGGAGGGCAGCACCTGCGCC 1992

QY 163 CACCAAAATGTCAGAGTGGCATCACCTGCTGTCATCAATGTTCAAGAGTCAC 222  
 Db 1993 GTGCCAGAACAGCAGCAGCTGCCACCCGCTGCTGAATGGTGGACCTGGTGGC 2052

QY 223 TGCACAGCTTAACTGTTGTTGGAGCTGTTG 261  
 Db 2053 AGCGGGCTCCTCTCTGGCATCTGCCGGACGGCTG 2091

RESULT 11

US-08-400-159-7  
 Sequence 7, Application US/08400159  
 Patent No. 5869282

GENERAL INFORMATION:

APPLICANT: Ish-Horowicz, David  
 APPLICANT: Heinrique, Domingos M.P.  
 APPLICANT: Myat, Anna M.  
 APPLICANT: Fleming, Robert J.  
 APPLICANT: Aravanis-Isakonas, Spyridon  
 APPLICANT: Mann, Robert S.  
 APPLICANT: Gray, Grace E.

TITLE OF INVENTION: NUCLEOTIDE AND PROTEIN SEQUENCES OF THE SERRATE GENE AND METHODS BASED THEREON

NUMBER OF SEQUENCES: 20

CORRESPONDENCE ADDRESS:

ADDRESSEE: Pennie & Edmonds  
 STREET: 1155 Avenue of the Americas  
 CITY: New York  
 STATE: New York  
 COUNTRY: USA  
 ZIP: 10036-2711

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/400, 159  
 FILING DATE: 07-MAR-1995  
 CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: MISTOCK, S. Leslie  
 REGISTRATION NUMBER: 18,872

REFERENCE/DOCKET NUMBER: 7326-029

TELECOMMUNICATION INFORMATION:

TELEPHONE: (212) 790-9090  
 TELEFAX: (212) 869-9741/8864  
 TELEX: 66141 PENNIE

INFORMATION FOR SEQ ID NO: 7:

SEQUENCE CHARACTERISTICS:

LENGTH: 4464 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: double  
 TOPOLOGY: unknown

MOLCULE TYPE: cDNA  
 US-08-400-159-7

RESULT 12 -729A-7

Sequence 7, Application US/08611729A

Patent No. 6004924

GENERAL INFORMATION:

APPLICANT: Ish-Horowicz, David

APPLICANT: Enrique, Domingos M.P.

APPLICANT: Lewis, Julian H.

APPLICANT: Myat, Anna M.

APPLICANT: Fleming, Robert J.

APPLICANT: Artavanis-Tsakonas, Spyridon

APPLICANT: Mann, Robert S.

APPLICANT: Gray, Grace E.

TITLE OF INVENTION: NUCLEOTIDE AND PROTEIN SEQUENCES OF THE TITLE OF INVENTION: SERRATE GENE AND METHODS BASED THEREON

NUMBER OF SEQUENCES: 20

CORRESPONDENCE ADDRESS:

ADDRESSEE: Peenie & Edmonds

STREET: 115 Avenue of the Americas

CITY: New York

STATE: New York

COUNTRY: U.S.A.

ZIP: 10036-2711

COMPUTER READABLE FORM:

MEDIUM TYPE: FLOPPY disk

OPERATING SYSTEM: IBM PC compatible

SOFTWARE: PC-DOS/MS DOS

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/611,729A

FILING DATE: 06-MAR-1996

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Mirock, S. Leslie

REGISTRATION NUMBER: 18,872

TELECOMMUNICATION INFORMATION:

TELEPHONE: (212) 790-9090

TELEFAX: (212) 869-9741/8864

TELEX: 66141 PENNIE

INFORMATION FOR SEQ ID NO: 7:

SEQUENCE CHARACTERISTICS:

LENGTH: 4483 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)

FEATURE:

NAME/KEY: CDS

LOCATION: 332..4102

US-08-611-729A-7

Query Match 4.5%; Score 31; DB 3; Length 4483;

Best Local Similarity 49.7%; Pred. No. 9.8; Matches 79; Conservative 0; Mismatches 80; Indels 0; Gaps 0;

Matches 79; Conservative 0; Mismatches 80; Indels 0; Gaps 0;

QY 103 GAGGGTGGAGATGCTACTGCACAGCCTCTCGCAGGTCAAAGCAGTGGGC 162

Db 2006 GACAGCGGCCACACCTTCCGCTGCCCTGCCCGGCTGGAAGGGCAGACCCGCGCC 2065

Qy 163 CACCAAAATGTCAGAGTTCATGACCTGTCGTCAATCATCGTTCAGAAGGTCAAC 222

Qy 223 TGCACTGCTACCTTAATGCTGTCCTGGGACTTTG 261

Db 2066 GTGCCCAAGACAGCAGCAGCTCTCCCTGCCAACCCCTGCTGAAATGGTGGCACCTGCGTGGC 2125

Qy 2126 AGCGGGGCTCTCTCCCTGCCAGACGAGCTGG 2164

RESULT 13

Sequence 1, Application US/08247901C

Patent No. 5750384

GENERAL INFORMATION:

APPLICANT: Jacobs et al

TITLE OF INVENTION: L5 SHUTTLE PHASMIDS

NUMBER OF SEQUENCES: 1

CORRESPONDENCE ADDRESS:

ADDRESSEE: Amster, Rothstein & Ebenstein

STREET: 90 Park Avenue

CITY: New York

STATE: New York

COUNTRY: U.S.A.

ZIP: 10016

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5 inch 1.44 Mb storage diskette

COMPUTER: IBM PC Compatible

OPERATING SYSTEM: MS-DOS

SOFTWARE: Word Processor (ASCII)

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/247,901C

FILING DATE: May 23, 1994

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/057,531

FILING DATE: April 29, 1993

ATTORNEY/AGENT INFORMATION:

NAME: Bogosian, Elizabeth A

REGISTRATION NUMBER: 39,911

REFERENCE/DOCKET NUMBER: 96700/273

TELECOMMUNICATION INFORMATION:

TELEPHONE: (212) 697-5995

TELEFAX: (212) 286-0554 or 286-0082

TELEX: TWX 710-581-4766

INFORMATION FOR SEQ ID NO: 1:

SEQUENCE CHARACTERISTICS:

LENGTH: 50341

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE:

DESCRIPTION: L5 shuttle phasmid sequence

HYPOTHETICAL: NO

ANTI-SENSE:

FRAGMENT TYPE:

ORIGINAL SOURCE:

ORGANISM: L5 mycobacteriophage

STRAIN:

INDIVIDUAL ISOLATE:

DEVELOPMENTAL STAGE:

HAPLOTYPE:

TISSUE TYPE:

CELL TYPE:

CELL LINE:

ORGANILE:

IMMEDIATE SOURCE:

POSITION IN GENOME:

CHROMOSOME/SEGMENT:

FEATURE:

NAME/KEY:

LOCATION:

IDENTIFICATION METHOD:

OTHER INFORMATION:

PUBLICATION INFORMATION:

AUTHORS:

TITLE:

JOURNAL:

VOLUME:

PAGES:

DATE:

DOCUMENT NUMBER:  
FILING DATE:  
PUBLICATION DATE:  
RELEVANT RESIDUES IN SEQ ID NO:  
US-08-247-901C-1

Query Match 4.5%; Score 31; DB 1; Length 50341;  
Best Local Similarity 51.0%; Pred. No. 31; Gaps 0;  
Matches 73; Conservative 0; Mismatches 70; Indels 0; TISSUE TYPE:  
Strands 1; Cell Type:  
Organelle:  
Haplotype:  
Position in Genome:  
Chromosome/Segment:  
Feature:  
Name/Key:  
Location:  
Identification Method:  
Other Information:  
Publication Information: No. 5994137e  
Authors:  
Title:  
Journal:  
Volume:  
Pages:  
Date:  
Document Number:  
Filing Date:  
Publication Date:  
Relevant Residues in Seq Id No:  
US-09-075-904-1/C

Sequence 1, Application US/09075904  
Patent No. 5994137

GENERAL INFORMATION:  
APPLICANT: Jacobs, et al.  
TITLE OF INVENTION: 15 SHUTTLE PHASMIDS  
NUMBER OF SEQUENCES: 1  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Amster, Rothstein & Ebenstein  
STREET: 90 Park Avenue  
CITY: New York  
STATE: New York  
COUNTRY: U.S.A.  
ZIP: 10016

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5 inch 1.44 Mb storage diskette  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: MS-DOS  
SOFTWARE: WORD PROCESSOR (ASCII)

CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/075, 904  
FILING DATE: May 11, 1998  
CLASSIFICATION:  
PRIORITY APPLICATION DATA:  
APPLICATION NUMBER: 08/247, 901  
FILING DATE: May 23, 1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Bogosian, Elizabeth A  
REGISTRATION NUMBER: 39,911  
REFERENCE/DOCKET NUMBER: 96700/475  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 637-5955  
TELEFAX: (212) 286-0854 or 286-0082  
TELEX: TWX 710-581-4766

INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 50341  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE:  
DESCRIPTION: 15 shuttle phasmid sequence  
HYPOTHETICAL: NO  
ANTI-SENSE:  
FRAGMENT TYPE:  
ORIGINAL SOURCE:  
ORGANISM: L5 mycobacteriophage  
STRAIN:  
INDIVIDUAL ISOLATE:

RESULT 14

Query Match 4.5%; Score 31; DB 1; Length 50341;  
Best Local Similarity 51.0%; Pred. No. 31; Gaps 0;  
Matches 73; Conservative 0; Mismatches 70; Indels 0; TISSUE TYPE:  
Strands 1; Cell Type:  
Organelle:  
Haplotype:  
Position in Genome:  
Chromosome/Segment:  
Feature:  
Name/Key:  
Location:  
Identification Method:  
Other Information:  
Publication Information: No. 5994137e  
Authors:  
Title:  
Journal:  
Volume:  
Pages:  
Date:  
Document Number:  
Filing Date:  
Publication Date:  
Relevant Residues in Seq Id No:  
US-09-075-904-1

Query Match 4.5%; Score 31; DB 2; Length 50341;  
Best Local Similarity 51.0%; Pred. No. 31; Gaps 0;  
Matches 73; Conservative 0; Mismatches 70; Indels 0; TISSUE TYPE:  
Strands 1; Cell Type:  
Organelle:  
Haplotype:  
Position in Genome:  
Chromosome/Segment:  
Feature:  
Name/Key:  
Location:  
Identification Method:  
Other Information:  
Publication Information: No. 5994137e  
Authors:  
Title:  
Journal:  
Volume:  
Pages:  
Date:  
Document Number:  
Filing Date:  
Publication Date:  
Relevant Residues in Seq Id No:  
US-09-426-436-1/C

Sequence 1, Application US/09426436  
Patent No. 6225056

GENERAL INFORMATION:  
APPLICANT: William R. Jacobs, Jr.  
APPLICANT: Barry R. Bloom  
APPLICANT: Graham F. Hatfull  
TITLE OF INVENTION: MYCOBACTERIAL SPECIES-SPECIFIC  
TITLE OF INVENTION: REBORER MYCOBACTERIOPHAGES  
NUMBER OF SEQUENCES: 1  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Amster, Rothstein & Ebenstein  
STREET: 90 Park Avenue  
CITY: New York  
STATE: New York  
COUNTRY: U.S.A.  
ZIP: 10016

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5 inch 1.44 Mb storage diskette  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: MS-DOS  
SOFTWARE: Word Processor (ASCII)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/426, 436  
FILING DATE:  
CLASSIFICATION:  
PRIORITY APPLICATION DATA:  
APPLICATION NUMBER: US/08/705, 557

Search completed: October 27, 2002, 02:42:37  
Job time : 154 secs